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|  | **Mitosis** | **Meiosis** |
| **Function** | Growth and regeneration of new cells |  |
| **Location in body** |  |  |
| **Number of daughter cells** |  |  |
| **Change in chromosome number** |  |  |
| **Number of phases** |  |  |
| **Phases** |  |  |
| **Number of divisions** |  |  |
| **Difference in DNA between parent cell and daughter cell** |  | Homologous chromosomes assort independently, so each game has a unique combination of alleles |
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